



Federal Emergency Management Agency

Washington, D.C. 20472

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

IN REPLY REFER TO:

Case No.: 02-09-593P

The Honorable Bob Milz
Chair, Lyon County Board
of Commissioners
27 South Main Street
Yerington, NV 89447

Community: Lyon Co, NV
Community No: 320029
Panels Affected: 0135 C, 0141 C, and 0142 C
Effective Date of
This Revision: **JUL 01 2002**

102-D

Dear Mr. Milz:

This responds to a request that the Federal Emergency Management Agency (FEMA) revise the effective Flood Insurance Rate Map (FIRM) for your community in accordance with Part 65 of the National Flood Insurance Program (NFIP) regulations. In a letter dated February 22, 2002, Mr. Andy Hummel E.I., Project Manager, Thiel Engineering Consultants, requested that FEMA revise the FIRM to show the effects of updated topographic information along the Six Mile Canyon alluvial fan. This study was performed in accordance with the guidelines set forth in FEMA's publication entitled *Guidelines for Determining Flood Hazards on Alluvial Fans*, dated February 23, 2000. (These guidelines are now published in FEMA's *Guidelines and Specifications for Flood Hazard Mapping Partners*, dated February 2002.)

All data required to complete our review of this request were submitted with letters from Mr. Hummel.

We have completed our review of the submitted data and the flood data shown on the effective FIRM. We have revised the FIRM to modify the floodplain boundary delineations and zone designations of the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood) along Six Mile Canyon from its confluence with the Carson River to approximately 11,000 feet upstream at the hydrographic apex of the alluvial fan. As a result of the modifications, the widths of the Special Flood Hazard Areas (SFHAs), the areas that would be inundated by the base flood, with depths and velocities determined, along the alluvial fan decreased. The inactive areas of the alluvial fan have been designated Zone X (Inactive Alluvial Fan Flooding), as that term is defined in the above-referenced FEMA *Guidelines*. The modifications are shown on the enclosed annotated copies of FIRM Panels 0135 C, 0141 C, and 0142 C. This Letter of Map Revision (LOMR) hereby revises the above-referenced panels of the effective FIRM dated September 30, 1992.

The modifications are effective as of the date shown above. The map panels as listed above and as modified by this letter will be used for all flood insurance policies and renewals issued for your community.

A review of the determination made by this LOMR and any requests to alter this determination should be made within 30 days. Any request to alter the determination must be based on scientific or technical data.

This LOMR is based on minimum floodplain management criteria established under the NFIP. Your community is responsible for approving all floodplain development and for ensuring all necessary


permits required by Federal or State law have been received. State, county, and community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction in the SFHA. If the State, county, or community has adopted more restrictive or comprehensive floodplain management criteria, these criteria take precedence over the minimum NFIP criteria.

Because this LOMR will not be printed and distributed to primary users, such as local insurance agents and mortgage lenders, your community will serve as a repository for these new data. We encourage you to disseminate the information reflected by this LOMR throughout the community, so that interested persons, such as property owners, local insurance agents, and mortgage lenders, may benefit from the information. We also encourage you to prepare an article for publication in your community's local newspaper. This article should describe the changes that have been made and the assistance that officials of your community will give to interested persons by providing these data and interpreting the NFIP maps.

This determination has been made pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (Public Law 93-234) and is in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, Public Law 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria are the minimum requirements and do not supersede any State or local requirements of a more stringent nature. This includes adoption of the effective FIRM to which the regulations apply and the modifications described in this LOMR.

If you have any questions regarding floodplain management regulations for your community or the NFIP in general, please contact the Consultation Coordination Officer (CCO) for your community. Information on the CCO for your community may be obtained by calling the Chief, Community Mitigation Programs Branch, Mitigation Division of FEMA in San Francisco, California, at (415) 923-7184. If you have any questions regarding this LOMR, please call our Map Assistance Center, toll free, at 1-877-FEMA MAP (1-877-336-2627).

Sincerely,



Max H. Yuan, P.E., Project Engineer
Hazards Study Branch
Federal Insurance and
Mitigation Administration

For: Matthew B. Miller, P.E., Chief
Hazards Study Branch
Federal Insurance and
Mitigation Administration

Enclosures

cc: Mr. Chuck Swanson
Director
Department of Public Works
Lyon County

Mr. Andy Hummel, E.I.
Project Manager
Thiel Engineering Consultants



MAP LEGEND



Areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood.

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

**LYON COUNTY,
NEVADA**
(UNINCORPORATED AREAS)

PANEL 142 OF 725

REVISIONS TO THIS MAP ARE INDICATED BY A NUMBER IN THE MARGINS

**REVISED TO
REFLECT LOMR
DATED JUL 01 2002**

PANEL LOCATION

COMMUNITY-PANEL NUMBER
320029 0142 C

MAP REVISED:
SEPTEMBER 30, 1992



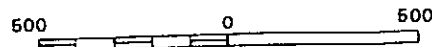
Federal Emergency Management Agency

MAP LEGEND

Areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood.



APPROXIMATE SCALE IN FEET



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

LYON COUNTY,
NEVADA
(UNINCORPORATED AREAS)

PANEL 141 OF 725
(SEE MAP INDEX FOR PANELS NOT PRINTED)

**REVISED TO
REFLECT LOMR
DATED JUL 01 2002**

COMMUNITY-PANEL NUMBER
320029 0141 C

MAP REVISED:
SEPTEMBER 30, 1992



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JOINS PANEL 0135

R. 21 E.

R. 22 E.

ZONE AO
(DEPTH 1)
(VELOCITY 4 FPS)

AREA SUBJECT TO FLOODING
FROM SIXMILE CANYON BASIN

6

ZONE X
(INACTIVE ALLUVIAL
FAN FLOODING)

REVISED AREA

ZONE X

SEGALE

ROAD

US 50 & ROUTE 2A

JOINS PANEL 0142

15 PANEL 0142

ELEVATION REFERENCE MARKS	
REFERENCE ELEVATION MARK (FEET NGVD)	DESCRIPTION OF LOCATION
RM30 4349.04	USCAGS Brass disk set in concrete approximately 6500' west on U.S. Route 50 from intersection of U.S. Route 50 and Silverhead Road. Cap just east of intersection of U.S. Route 50 and unnamed dirt road, and just south of U.S. Route 50.
RM31 4340.09	Nevada Highway Department Brass cap in concrete with steel witness post approximately 1800' west of intersection U.S. Route 50 and Six Mile Canyon Road, 67.7' south of U.S. Route 50 center line. Cap stamped with "234-84".
RM32 4336.57	Nevada Highway Department Brass cap in concrete with steel witness post approximately 950' east of intersection U.S. Route 50 and Six Mile Canyon Road, 62' south of U.S. Route 50 center line. Cap stamped with "262-84".

